

Afghanistan - YA Romeo UB5JBB should be on as

YA0RR now, through Jan. 20. YL1WW will accompany him. Suggested frequencies are: 1832, 3508, 7005, 14020, 21020, 28020 kHz, and 5 kHz up on the new bands. On SSB, try 1841, 3740/3795, 7045/75, 14151/14195, 21201/21295, and 28401/28495 kHz. 50101 kHz CW and 50150 kHz SSB on six meters. RTTY 82 kHz up. They'll work split, listening up. QSL to Romeo Stepanenko, Box 812, Sofia 1000, Bulgaria. Sunrise 0230Z, sunset 1230Z. Donations are still urgently needed. Send them via Ed Kritski NT2X.

Madagascar - 5R Adriano IK2GNW made a brief appearance as **5R8GN** Dec. 31, on 14195, and with **VK9NS** on 14222 kHz. Announced frequencies are 1840, 3795, 7045, 14145, 21245, and 28445 kHz. He is scheduled to be there until Jan. 4, and has what looks like a valid license. QSL home call, direct only.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Fiji - 3D Allan Österman SM5BQB is back on Fiji as **3D2QB** until May 1. He's on 80-10, mostly CW. Try 21011 and 21170 (SSB) kHz. He may visit other islands in the area during his stay. QSL to Jan-Eric Rehn SM3CER, Box 54, S-863 01 Sundsbruk, Sweden.

Reserve Your Island - ARRL DX

- **Netherlands Antilles - PJ:** Jack W1WEF joins John Thompson W1BIH in the CW test as **PJ2J**. (John operates as **PJ9JT** outside the tests.) QSL W1AX.
- **Belize - V3:** K8CMO and WA5Y will operate **V31EN** in the CW test. They'll be there Feb. 14-17. QSL K8CMO.
- **Belize - V3:** Art Phillips NN7A and Mike Sharp NG7S will also be active in the CW test as **V31JZ**. They'll be there Feb. 14-19, and will be on 30 meters and the Novice subbands outside the test. All CW. No tailenders, complete calls only, and no skeds or band change requests, please. QSL NN7A, Box 201, Flagstaff AZ 86002.

Shortly Noted

- **Chatham Island - ZL7:** **ZL0AAD/ZL7** and **ZL0ADN/ZL7** have been very active. Try 7009 kHz at 1200Z, 20 meters at 1100Z and 04-0600Z, and 28493 kHz at 22-0100Z.
- **San Felix - CE0:** **XQ0X** has also been more active than anticipated, including free-lance operations on 28493 and 14236 kHz, listening up about 5. Try 28493 kHz 14-1800Z. QSL CE3ESS after Jan. 15, registered mail recommended.
- **FT4WC** shows up in list operations on 14160 kHz at 2100Z, and 28510 kHz at 15-1600Z.
- **9Q5TE** is often on 14180-90 at 0445Z. Also try 7080 kHz at 0430Z. QSL SM0BFJ, (Thanks MDXN.)
- **A71CD** has been noted on 14220 kHz at 0200Z, 14250 kHz at 0630Z, and 28400 or 28650 kHz at 1200Z. QSL Ahmed at Box 80074, Al Wakra, Qatar. (Thanks MDXN.)
- **ZS8MI** prefers 21246 kHz at 1630Z, 14226 or 14260 kHz at 1300Z, and 7047 kHz at 1900Z. (Lynx DX.)
- **5V7AK** is Arne Hymoller OZ1LLC, until Jan. 11, mostly CW, including some low-band activity. QSL home call.
- **XW8KPL** promises to be active Fridays at 21230, 21260, or 28470 kHz 11-2000Z. Operator Phu Thong will look for Europe on 28470-80 kHz 11-2000Z Jan. 18 and 25. Best QSL route for Phu Thong is Box 3770, Vientiane, Laos, with US\$1. (Thanks MDXN.)
- **FL5/XE1L** was on recently from Mayreau Island, in the Grenadines, claiming possible New Country status. There is no explanation of a French claim to one of the Grenadines, which are part of St. Vincent J8.
- **SSB Net check-ins:** **14160 kHz:** 3X1SG 9L3GB VP8CEG; **14222:** VP8CEO UJ8JMM TL8WD JT1CS 4S7EF TF1MM; **14227:** BY1QH TZ6VV ZS8MI VQ9CQ JY5IN VQ9HW OX3KM; **14256:** OX3EW PZ1EE TU2UI C53GH; **21335:** 9L1AL S79KMB V51E 5V7DP 7P8EB V51GB 7P8DF 7Q7RM GD5UG 5U7NU 7Z1AB V51MA EA9KA ZC4BS.
- **Six Meters:** Bill Wiseman will be active as **KM1E/C6A** from Green Turtle Cay (NA-80) to March 11, concentrating on Six, with 10-20 meter capabilities. QSL home call.
- **RTTY report:** **VP2EE** and **VP2EHF** are now active; QSL to KA3DBN. **VE8RCS** is in CQ Zone 2; try 14088 kHz at 2200Z. **JX7DFA** has been noted on 10-meter RTTY, around 1300Z. Some active stations: **V73BN** 14085 kHz 0249Z; **5N0ETP** 21091 1830Z; **XX9AF** 21086 0455Z; **7Z1AB** 14074 ARQ 0750Z; **TU2BB** 14076 ARQ 0055Z; **HV3SJ** 21080 1600Z; **V86GA** 14074 ARQ 1800Z; **9Q5TE** 21093 1320Z.
- **Islands On The Air:** Ralph Hirsch will operate as **K1RH/1H0** from St. Helena Island (NA-110) Feb. 7-15. QSL home call. **K5MK** and **WA4DAN** will operate /4 from St. George Island (NA-85) Jan. 31-Feb. 2, on the IOTA frequencies of 14260, 21260, and 28460 kHz. CW 30 kHz up. **WA4DAN** then moves to Cedar Key (NA-76) Feb. 3, same frequencies. QSL home calls. **TI2LAK/HP4** is Louis from Bocas del Toro (NA-88). He'll be on occasional weekends. **VP8GAV** starts next month from Faraday Base in the Argentine Group (AN-06), mostly CW. QSL to GM0LVI. (Thanks DXNS.)

WA4JTK
J

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
January 1991	Date	Flux A K	Date Flux A K
4	Above Normal	12/08 230 09/08 3	11/10 193 10/12 3
5	Above Normal	12/09 235 05/06 2	11/11 197 13/12 2
6	Above Normal	12/10 239 02/04 1	11/12 194 06/05 2
7	Above Normal	12/11 239 02/05 1	11/13 186 04/05 1
8	Above Normal	12/12 236 04/06 2	11/14 202 01/04 0
9	High Normal	12/13 221 11/13 0	11/15 212 01/04 2
10	Above Normal	12/14 204 05/07 1	11/16 210 16/16 2
11	Above Normal	12/15 198 04/05 1	11/17 223 16/16 3
12	High Normal	12/16 191 07/10 2	11/18 203 12/16 3
13	Above Normal	12/17 200 05/05 2	11/19 196 08/09 2
14	Above Normal	12/18 208 04/05 1	11/20 190 06/06 1
15	Above Normal	12/19 198 02/04 1	11/21 182 09/08 1
16	High Normal	12/20 186 07/08 3	11/22 181 01/04 2
17	Above Normal	12/21 192 04/04 2	11/23 176 03/05 0

Propagation Watch

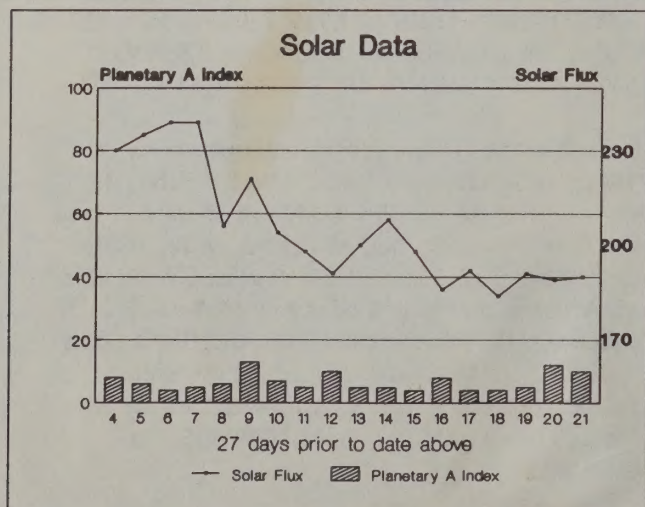
The sun gave DXers a nice Christmas present, in the form of higher-than-expected solar flux, and a stable geomagnetic field. Instead of dipping to the 150 range, as flux has done most of the past few months, solar activity leveled off around 190. This increased the length of the openings on the higher bands, and improved long-path and long-haul signal strengths.

The stable geomagnetic field meant that the polar paths, and long paths that pass through high latitudes, were better than usual. Many DXers commented on the excellent evening conditions, especially Dec. 13-15.

Even six meters got into the act, with an extended European opening Dec. 6-7.

We may have seen a shift in the active longitudes on the sun, as happened last year. If so, then solar flux will tend to drop over the next week or so, not peak as the graph below (based on 27.5-day recurrence) suggests. The most active sunspot regions have rotated to the back side of the sun, and no large, active regions are due back.

No matter what the solar flux does, we should continue to see good-to-excellent conditions on most bands in January. There is always a possibility of a major flare temporarily disrupting the bands, but in the absence of such a flare, enjoy the good openings on the high bands during the day, and the evening and pre-dawn openings on 20-80 meters. Sunspot Cycle 22 has peaked, so work them now.



DX Notes From All Over

■ **Afghanistan Anarchy?** An official of the enforcement section of the Federal Communications Commission has asked The DX Bulletin to remind readers that the FCC will be closely monitoring the YAØRR operation. Although Romeo was careful to select transmitting frequencies in the US SSB subband, DXers should check their VFOs carefully before transmitting. Some licensees may find themselves out of their legal operating range, and the FCC has promised 'QSL cards' to all such they hear. Sophisticated 'transmitter signature' monitoring equipment will allow the FCC to pinpoint individual 'policemen,' so don't even think about such 'help.' To quote the official (who asked to remain nameless): "We didn't appreciate Bouvet Bedlam, and we won't tolerate Afghanistan Anarchy!" You are warned.

■ **NCDXC Sacramento Dinner:** The Northern California DX Club holds a special dinner at the Sierra Inn/Santa Fe Inn in Sacramento Feb. 8. Preregistration is \$15 to KF6EN, 2512 Cambon Way, Sacramento CA 95821, by Jan. 8. Any interested DXers may attend. Tours and golf Feb. 9. More details are available for an SASE from The DX Bulletin.

■ **DJ6SI Baldur** asked The DX Bulletin to pass along the information that he is **not** planning any operation from Angola D2. Please stop bugging him about this unfounded rumor. [This is one reason The DX Bulletin doesn't publish unconfirmed rumors. -ed.]

■ **9K2CS** says he is back on the air from a Middle East location, and he wishes all his DX friends well. However, he is trying to maintain a low profile, for obvious reasons, and requests that you **do not** use his callsign if you hear him. The 7Ø1AA logs and cards are still in Kuwait, so he can't confirm any contacts at this time.

■ **New DX Advisory Committee** members include Dr. San Hutson K5YY as the West Gulf representative, and Gary Dixon K4MQG from the Roanoke Division.

■ **DXBase** DX tracking software version 1.5 will **not** have the strong copy-protection of earlier versions, thanks to input from DXers. More details on this very versatile program soon.

■ **1990 Most Wanted Countries** survey summary was mailed to The DX Bulletin readers who do not also subscribe to The DX Magazine last month. The complete results are available from The DX Bulletin for US\$2, postpaid.

■ **The DXCC Backlog** was reduced to 4,108 pending new applications and endorsements, as of Dec. 16. In mid-December, they were processing new applications received Sept. 14, and endorsements received June 21. [At the current rate of progress, they'll be caught up in July, 1991.]

■ **Les Nouvelles DX**, the French-language weekly DX newsletter, is now 10 years old. Congratulations to F6AJA.

■ **New Look:** The DX Bulletin starts off the New Year with a new look, especially on pages 2 and 4. We have incorporated the suggestions of several readers to make The DX Bulletin even better, with more news, and easier to read. Changes include a small calendar on the Bandpass page, so that you can immediately determine the day of the week of Bandpass spots, a new, bolder, cleaner typeface, and rearrangement of the so-called Calendar page. Page 4 now includes listings of active resident amateurs separate from the current and future DXpedition listing. Your comments on these changes would be appreciated.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19

RTTY

9Q5TE	21086	1546	19	OH
A22BW	21094	2100	22	FL
CT3BX	28095	1939	16	OH
CX7BL	14087	0244	20	OH
HV3SJ	21081	1540	25	CA
TU2OP	21092	2242	16	PA
UL7LR	14089	1415	15	OH
VE8RCS	14087	0215	16	OH
VE8RCS	14088	2200	15	PA
VK6SY	14080	1145	17	OH
VP2EE	14084	0247	20	OH
VP8BFH	21087	2202	22	FL
VP8CEL	21093	0011	28	PA

160 Meters

9L1US	1835	2353	18	MO
G3SXA	1832	2028	20	MO
V73AZ	1833	1146	16	MA
VK6LW	1832	1148	13	MA

80 Meters

3C1EA	3502	2215	19	NH
4U/YU4OO	3507	2237	22	IL
6W1QB	3509	0510	15	IL
6Y5IC	3505	1146	15	WV
7P8EB	3514	2322	23	MI
EA6NB	3508	0410	16	SC
HR1LW	3503	1055	16	NH
JA1HQT	3503	1040	13	NH
JX7DFA	3501	1137	19	MA
KH2D	3508	1140	16	NH
OX3FV	3505	1125	16	NH
OY1CT	3502	0040	12	NH
PZ1DV	3505	0400	16	SC
TA4A	3500	1135	23	NH
UA0ZAS	3510	1255	13	IL
UA1ZK *	3503	1203	19	MA
UA9CBM	3507	1210	24	NH
UC1AWK	3502	0225	19	IA
UH8EA	3501	0230	29	IL
UI8BAA	3503	0259	23	MA
UL7JW *	3508	1139	23	MA
UZ2FWZ	3507	0027	18	MA
V73AS	3502	0705	18	CA
V73AS	3506	1123	22	NH
VK6LW	3505	1205	20	NH

75 Meters

4Z4UR *	3788	1455	14	CA
FP5DX	3791	0718	24	CA
OY9JD	3799	2310	19	NC
TF1MM	3800	0050	19	IA
UW9YV *	3650	1205	23	MA
V63AO	3794	1300	22	NC
VK6LK	3798	2100	23	MA
VS6BX	3795	1313	15	ID
ZS4PB	3795	0340	19	IA

40 Meters

3C1EA	7001	0523	30	FL
4K2OIL	7006	2209	23	MA
4K2PGO	7002	2140	28	IL
4S7WN	7004	2350	14	NH
7X2AB	7010	2325	16	IL
BV2TA	7002	1145	22	MA
ES1WN	7018	0710	20	OH
JX7DFA	7003	1110	22	MA

RD70DC	7005	0420	18	SC
RD70DC	7007	1320	16	IA
S01A	7004	0007	26	FL
TA3D	7006	0111	23	FL
TA4A	7001	0050	19	IA
UA0FJ	7004	1419	16	TX
UA0FZ	7011	1045	18	TX
UG6GAW	7001	1357	22	IL
UH8EA *	7004	1315	12	IL
UZ0AXX	7011	0234	26	IL
VU2TEC	7003	0109	25	FL
YN1CC	7001	0604	15	CA
ZL0AAD/7	7009	1210	26	FL

30 Meters

7Q7JA	10104	0415	18	SC
7X2AX	10104	2023	16	SC
A22GH	10108	2259	26	FL
EA6ZY	10103	2330	26	FL
LZ1XL	10102	0347	23	PA
SV0DV/9	10107	0420	29	PA
VP2EBM	10109	0230	19	NY
YQ3R	10106	2313	21	VA

20 Meter CW

3B8FK	14024	0220	20	CA
4K1A	14003	2251	26	FL
4K2BDU	14025	0054	22	FL
4K2BDU	14021	1334	21	CO
4K2OIL	14005	1606	17	OR
4S7CF	14028	0008	13	SC
4S7CF *	14004	1234	26	MA
4S7WP	14009	0207	27	FL
7Q7JA	14009	0025	16	WV
7X5AV	14010	1859	16	NH
8Q7BX	14001	0240	26	FL
A22GH	14024	2135	27	FL
AP2HA *	14026	1240	19	MA
BV2TA	14021	1345	14	TX
FH5EJ	14034	0328	13	NY
HF0POL	14008	0218	22	NH
HK0BKX	14019	0021	19	CA
JT1CS	14037	0241	17	OK
JT8AA	14002	0141	27	FL
P29PL	14018	1210	14	TX
TF6JZ	14027	0130	28	FL
TU2MA	14023	0055	18	GA
UG6GAT	14011	1327	14	NB
UH9YWA	14016	0011	15	NH
UI9AAB	14048	1201	17	VA
UL7QF	14007	0241	22	FL
UM8QDX	14011	0230	20	OH
VU2GX	14005	0233	20	OH
VU2LX	14026	1249	17	GA
VU2NTA	14002	0121	24	MA
VU2RKR *	14014	0145	16	CA
VU2RKR *	14013	1239	15	WV
VU2TH	14011	0143	27	FL
VU2TTC	14018	1212	26	FL
Y9OANT	14001	2150	15	NH
ZD8LII	14021	2156	19	MI
ZL0AIC *	14009	1341	15	IL

20 Meter SSB

3B8CF	14256	0234	19	VA
3B8FU	14188	0123	19	MA
3X1SG	14160	0030	12	NY
4S7EA	14185	1232	16	VA
5U1HN	14226	2318	16	OR
5Z4FM	14222	2052	14	NH
7Q7WL *	14194	1645	12	CA

9Q5TE	14197	0600	13	CA
9V1YQ	14205	2350	13	NH
9X5HG	14249	0156	13	VA
A61AD	14252	1805	17	VT
A71BK	14302	0616	16	MI
A92BE	14186	1944	21	MA
CE0DFL	14230	0556	19	NY
HF0POL	14221	0515	21	MI
JT1BG	14177	0115	19	MA
JW0GB	14165	1217	13	CA
JX7DFA	14210	1236	23	CT
JX7DFA	14210	2014	21	MA
PY0FF	14222	2052	14	NH
TJ1RP	14182	0008	16	FL
TR8AHO	14160	2137	28	NH
TU2JL	14247	0559	25	VT
TU2PA	14160	2233	19	NB
UH8EA	14196	0335	15	VA
UH8EA *	14196	1257	13	GA
UJ8KA	14176	0251	15	IL
UL7DA	14201	0347	15	VA
V51E	14190	0500	15	CA
VP8CEO	14160	2210	17	MN
VQ9WM	14215	1730	25	VA
VU2HI *	14203	1229	16	VA
VU2WAP	14198	0129	19	MA
XQ0X	14236	0509	23	CT
Z24JC	14170	0442	15	VA
ZL0ADN/7	14233	0630	24	CA

17 Meter CW

4K2OIL	18072	1404	29	FL
6W1QB	18082	2043	16	SC
6W6JX	18082	1657	23	FL
9N1HMB	18070	1330	28	FL
TA2AO	18075	1655	15	SC
TF3EJ	18070	1305	28	FL
UO5OEX	18077	1522	23	FL
VP2EXX	18083	2022	16	GA
Y88POL	18071	2325	13	NY

17 Meter SSB

C53GH	18126	1400	11	NS
PY0FF	18110	2102	14	NS

15 Meter CW

3D2QB	21020	2250	17	CA
6W1PZ	21030	2330	25	FL
7P8EN	21021	2025	17	MN
7Q7RM	21021	1950	17	MN
7X2CR	21025	1735	16	TX
9X5HG	21022	1848	16	NH
9X5HG	21022	2328	17	GA
A22GH	21006	2144	17	CA
BV2A	21004	0022	16	NY
BV2TA	21023	0117	16	IL
BY4RB	21018	0130	27	FL
BY5RA	21025	0122	29	FL
BZ4SAB	21015	0151	29	FL
EA9TY	21030	1754	26	FL
PZ1DY	21015	2338	17	GA
ZD8BOB	21018	2005	15	UT
ZD8LII	21028	1950	14	CA

15 Meter SSB

5U7NU	21335	2110	15	MN
7Q7RM	21345	1900	16	CA
HH7PV	21293	2333	14	NH
HK0OEP	21250	1946	24	MA
TJ1BJ	21303	1248	15	NJ
VP8CEO	21252	0020	19	CA

XT2BW	21305	2151	23	CT
ZD8DX	21240	2019	18	IA

12 Meters

5N0HBK	24951	1209	15	NS
6W6JX	24899	1335	24	MA
9L1US	24896	1717	22	MA
9M2AX	24896	0038	23	FL
A61AD	24950	1300	13	NS
A92BE	24930	1310	23	MA
C53GH	24970	1355	11	NS
OY2H	24907	1437	29	FL
OY7ML	24904	1230	23	MA
TF3EJ	24896	1543	29	FL

10 Meter CW

3B8FQ	28008	1910	20	MI
3DA0BK	28017	1839	22	CA
5V7AK	28030	1448	25	MN
6W6JX	28027	1443	18	OH
A22AA	28001	1841	21	MI
BV2DA	28011	2315	19	MI
CE0FFD	28010	2219	11	CO
FH5EJ	28025	1517	27	MN
FR5DD	28011	1342	29	FL
HK0NAP	28021	1953	16	GA
JY9SR	28034	1231	7	NH
OX3TW	28014	1436	10	OH
OX3XR	28029	1420	22	FL
TA7I	28004	1445	22	FL
TR8GL	28022	1431	16	TX
YN1CC	28005	1320	14	TX
Z21HI	28033	1355	22	FL
ZD8LII	28021	1943	15	SC

10 Meter SSB

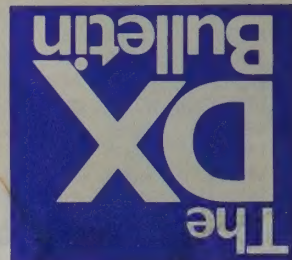
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5U7NU	28543	1450	22	NY
7X5VBK	28609	1645	17	MN
9L1FC	28490	1414	16	MN
9M8AJ	28517	0035	16	CA
A22AA	28460	1807	19	CA
A47RS	28510	1300	23	NJ
A71AK	28503	1302	25	VA
A71CD	28650	1322	16	FL
C53GB	28475	1345	14	FL
CN2AQ	28522	1404	15	IL
D44BC	28466	1233	26	VA
EA9IB	28467	1330	12	NJ
FH5EH	28510	1434	27	MN
FO0IGS	28485	1740	23	NJ
FR5DX	28524	1433	15	MN
KG6JH	28568	2300	24	NJ
KH0AC	28503	2216	22	MD
OD5RH	28411	1436	25	MN
OY9JD	28488	1617	23	VT
P29KH	28503	2127	22	MD
PY0FF	28885	1159	14	NS
SV9AKI	28485	1500	22	VA
TA5C	28516	1330	25	NJ
TU2XZ	28460	1220	14	FL
V63AO	28486	2220	17	CA
V85GA	28493	0011	15	IL
VR6BX	28521	1436	27	MN
VU2WAP	28502	1400	23	NJ
XQ0X	28493	1345	18	IA

91/16

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Issue 568 - December 21, 1990

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
Afghanistan	YA YA0RR	Now-Jan. 20	I569
Anguilla	VP2E VP2EY	to Jan. 12	CWI566
Ascension	ZD8 ZD8Z	Jan. 8-15	I568
	ZD8VJ	Jan. 14-June	I568
British Virgin I	VP2V VP2V/W2GUP	Jan. 18-Mar. 6	I568
Cayman Is.	ZF ZF2NJ	Jan. 19-Feb. 2	CW I567
Chatham Island	ZL7 ZL0AAD/ADN/7	Now-Jan. 10	I566
Eastern Malaysia	9M 9M8AX, BZ	Jan. 25-27	I568
Fiji	3D 3D2QB	Now-May 1	I569
French Polynesia	FO FO0CC	Now-Jan. 9	I568
Grenada	J3 J37XC	Now-Mar. 31	I565
Madagascar	5R 5R8GN	Now-Jan. 5	I569
Maldives	8Q 8Q7BX	Now-Jan. 5	CWI566
Malj Vysotskij	4J	in early 1991	I567
Marianas	KH0 KH0F, KH0/JA2SWJ	Jan. 2-6	I567
Navassa	KP1 W5IJU/KP1	late March	I567
Niue	ZK2 ZK2XA/XB	in Jan.	I566
San Felix	CE0 XQ0X	Now SSB only	I563
South Cooks	ZK1 ZK1KH	Now-Jan. 9	SSB I564
	HA8XX, HA9RE	in Jan.	I566
US Virgin Islands	KP2 NL7GP/NP2	Now-Jan. 15	I568

Contributors

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Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Burkina Faso	XT2BW	15M SSB	2150Z
Eastern Malaysia	9M8AJ	28520±	0030Z
Faroe Islands	OY9JD	28488	1300Z
Franz Josef Land	4K2BDU	14025	0100Z
India	VU2WAP	28503	1400Z
Ivory Coast	TU2JL	20M SSB	0600Z
Kazakhstan	UL7JW	3506	1140Z
Kirghizia	UM8QDX	14012±	0230Z
Mariana Islands	KH0AC	28500±	2200Z
Marshall Islands	V73AS	3503±	1130Z
Mauritius	3B8FK	14024	0220Z
Mauritius	3B8CF	14250±	0230Z
Mayotte	FH5EJ	28022	1500Z
Micronesia	V63AO	28480±	2200Z
Mongolia	JT1BG	14176	0115Z
Mongolia	JT1CS	20M CW	0245Z
Morocco	CN2AQ	28525	1400Z
Nicaragua	YN1CC	28010±	1320Z
Nicaragua	YN1CC	20M CW	0600Z
Pitcairn Island	VR6BX	28480±	22-2300Z
Reunion Island	FR5DX	28524	1430Z
Rwanda	9X5HG	21022	1900Z
San Andreas	HK0BKX	14020	0030Z
Senegal	6W6JX	24900	1330Z
Senegal	6W1QB	3505±	22, 0500Z
South Shetlands	HF0POL	20M CW	02-0500Z
Sri Lanka	4S7CF	14026	0000Z
St. Pierre & Miquelon	FP5DX	3791	0700Z
Suriname	PZ1DY	21025	2330Z
Swaziland	3DA0BK	28495	1800Z
Syria	4U/YU400	3507	2230Z
Tadzhikistan	UJ8KA	14175	0300Z
Taiwan	BV2TA	20M CW	1345Z
Taiwan	BV2TA	7003	1145Z
Taiwan	BV2DA	28010	2315Z
Turkmenistan	UH8EA	14200±	0330, 1250Z